

# O-Phyte

Biostimulants & Quality Improvement

## Use

To stimulate plant growth and improve the uptake and systemic movement of nutrient cations within the plant.

## Crops

A wide range of horticultural crops

## Pack Size

20, 1000 litres

## Function of O-Phyte

O-Phyte can be used to improve root growth and crop establishment. Application to mature plants will aid the uptake and movement within the plant of co-applied nutrient products, which can lead to stronger healthier plants more capable of withstanding abiotic stress.

## Phosphites as Biostimulants

Used at low rates on young plants, phosphites can act as biostimulants, promoting early root growth and plant establishment.

Phosphites are also highly systemic, capable of moving within the xylem and phloem. Consequently the



Analysis	w/w	w/v
Phosphate ( $P_2O_5$ )	28.0%	38.0%
Water Soluble Phosphate	0.0%	0.0%
Phosphite (as $P_2O_5$ )	28.0%	38.0%
Potassium ( $K_2O$ )	19.0%	26.0 %

## Directions for Use

Use O-Phyte as directed below.

Apply 1-4 L/ha, in 200-600 L/ha water. Small areas: rate in ml/L of water as below, apply to the point of run off. Do not exceed 10L per 100m<sup>2</sup> of crop.

The spray tank should be filled with half the required water. After shaking the container, measure the required amount of O-Phyte and add to the tank whilst maintaining constant agitation. Add remaining water to correct dilution and spray.

Crop	Timing	Rate L/ha	Rate ml/L water	Comments
Modules and Seedling Trays	As a foliar spray		1-2	Apply before transplant repeat 14 days later, use the higher rate in poor conditions
Brassicas, Lettuce and Leafy Salads	From 2-4 true leaves	1		To stimulate roots and improve establishment
	Larger than 6-8 true leaves	2-4		Repeat after 10-14 days if conditions persist
Hardy Nursery Stock	From 4 true leaves	2-4	2-4	Repeat at 10-14 day intervals if required
Protected Ornamentals	From 2-4 true leaves	2	2	Use to promote root development if growing conditions are poor
Soft Fruit	Green bud to end of season	2		Use to promote root development if growing conditions are poor
Fertigation, drip tape and trickle	As required	4-6		O-Phyte should be added to feed stock solutions at 25 ml/L (2.5 L/100 L of stock solution)

## Notes

For further information on compatibility and tank mixing and for physical compatibility with pesticides refer to the website [www.omex.co.uk](http://www.omex.co.uk)